

Thick-Plate Decoiler Straightener Feeder Machine

As a manufacturer in the field of automatic feeding machines, KINGREAL can provide thick plate decoiler straightener feeder 3 in 1 machine. The equipment is specially designed for materials with a thickness of 0.6-6mm. It has comprehensive functions and compact structure.

Product Description

Brief Introduction Of Thick Plate Decoiler Straightener Feeder Machine



KINGREAL can provide the thick plate decoiler straightener feeder machine, which is design for 0.6-6mm thickness materials.

This automatic feeding machine feeds the coil from top to bottom through the opening device and bending roller system, and the coil passes through the feeding smoothly through the opening device, coil tip leveling device, nip roller, working roller, and feeding roller.

This machine has the advantages of comprehensive functions, compact structure, convenient use, high leveling and feeding accuracy, etc., and is very popular among customers.



Fully automated design for straightener feeder decoiler machine



Automatic adjustment of leveling pressure:

The touch screen sets the parameters, the inverter communicates with the PLC to control the motor speed, and the PLC changes the frequency of the inverter according to the field speed measured by the encoder, so as to realize the automatic adjustment of the leveling pressure.

The length counting wheel completely eliminates accumulated tolerances:

Through the fully closed-loop circuit design, the length counting wheel, the rotary encoder and the servo motor cooperate to realize the real-time automatic calculation of the length of each feed, safely eliminate the trouble of accumulated tolerance, and improve the accuracy of feeding.



Automatically adjust the speed of the active pressing wheel:

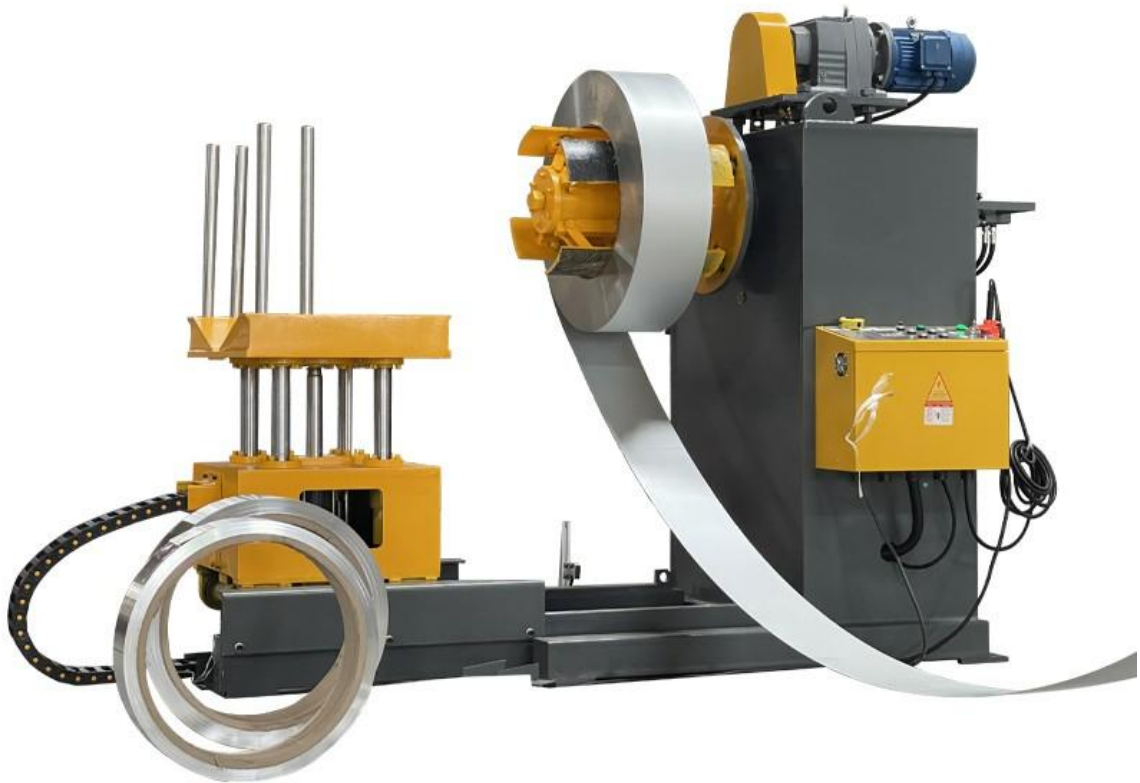
The touch screen sets the parameters, the inverter communicates with the PLC to control the speed of the motor. The PLC changes the frequency of the inverter according to the field speed measured by the encoder, so as to realize the automatic adjustment of the speed of the pressing wheel and the change of the outer diameter of the material roll to ensure that the roll is not broken.

Automatic adjustment of the stop arm:

The baffle arm is powered by a hydraulic motor, instead of manual adjustment, with a higher degree of automation.



▶ Features of decoiler feeder straightener: ◀



1. It is suitable for continuous stamping processing of various hardware, electronics, electrical appliances, toys and auto parts, feeding correction, accurate and durable.
2. The equipment roller and the correction roller are plated with hard-winding treatment, high precision and very durable.
3. The feeding length can be set arbitrarily, which is easy to operate, safe and stable.
4. Equipped with a liftable upper roller seat device and a material width adjustment stopper device.
5. The height is adjusted by a screw worm gear, and the material rack contains an air pressure disc brake device.

▶ Application Of 3 In 1 Machine : ◀

It is widely used in the automobile industry, with wide material thickness adaptability, high safety and stability, and it is a substantial and light-weight model. Suitable for feeding and correcting various metal sheets.

Specification Of Thick Plate Decoiler Straightener Feeder Machine

Model	NCLF-400	NCLF-500	NCLF-600	NCLF-800	NCLF-1000	NCLF-1300	NCLF-1500
Width of Material (mm)	70~400	70~500	70~600	70~800	70~1000	70~1300	70~1500
Thickness of Material (mm)	0.6~6.0						
Max Weight of Material (kg)	3000	5000	10000		15000		
Coil I.D.(mm)	470-530						
Coil O.D.(mm)	1400						
Max. Speed (m/min)	18						
Motor (HP)	3	5			7.5		
Feeding roller [group]	5						
Standard feeding height [mm]	1200±100						
Voltage	220V AC 50HZ/380V AC 50HZ						
Material rack expansion method	Oil pressure						

Why choose us?

Professional manufacturer

KINGREAL Machinery is a professional sheet metal processing machines manufacturer and supplier.

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Professional team

1. Technical Team

KINGREAL has its own professional technical team and after-sale team.

Local after-sale

KINGREAL has set up localized service points in many countries and regions.

LOCAL AFTER-SALES

